Acer G772

Color Monitor

17" (43cm) CRT Size,
15.9" (40.5cm) Max. Viewable Area

User's Manual

Downloaded from www.Manualslib.com manuals search engine

Copyright

Copyright © 1999 by Acer Peripherals, Incorporated. All rights reserved. No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system or translated into any language or computer language, in any form or by any means, electronic, mechanical, magnetic, optical, chemical, manual or otherwise, without the prior written permission of Acer Peripherals, Incorporated.

Disclaimer

Acer Peripherals, Incorporated makes no representations or warranties, either expressed or implied, with respect to the contents hereof and specifically disclaims any warranties, merchantability or fitness for any particular purpose. Further, Acer Peripherals, Incorporated reserves the right to revise this publication and to make changes from time to time in the contents hereof without obligation of Acer Peripherals, Incorporated to notify any person of such revision or changes.

Fill in here!!

For the convenience of service, write following related information of your monitor in the space below. The serial number is on the back of the product.

Monitor Information

Product Name:	Acer G772
Serial Number:	
Date of Purchase:	

Dealer Information

Dealer:	
Telephone Number:	
Address:	

Acer is a registered trademark of Acer Incorporated. Other brands and product names and trademarks or registered trademarks of their respective companies.

Downloaded from www.Manualslib.com manuals search engine

Safety Instructions

1. The AC plug isolates this equipment from the AC supply.
2. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
3. Slots and openings in the cabinet and the back or bottom are provided for ventilation. They must not be blocked or covered. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.
4. This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
5. This product should be operated with a 3-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to make the necessary outlet changes.
6. Never push objects of any kind, or spill liquid of any kind into this product.
7. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltages or other risks. If any above mentioned misuse or other accident (dropping, mis-operations) occurs, contact qualified service personnel for servicing.
8. Use only the proper type of power supply cord set (provided in your PC box) for this unit. It should be a detachable type: UL listed/CSA certified, type SVT/SJT, VDE approved or its equivalent.
9. The power supply cord serves as a power disconnect device for plug able equipment. The socket outlet shall be installed near the equipment and shall be easily accessible.

Downloaded from www.Manualslib.com manuals search engine

FCC Class B

Radio Frequency Interference Statement

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/television technician for help.

Notice:

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Caution:

1. If you find some parts of the monitor display discolored due to magnetic fields generated by electrical facilities or appliances, turn off the monitor for at least 15 minutes. The degaussing circuit of the monitor will eliminate the discoloration.
2. Do not remove the monitor from its swivel base while the power is on to prevent discoloration. If discoloration occurs, follow the above-mentioned procedure for adjustment.
3. Shielded power cord and interface cable, if any, must be used in order to comply with the emission limits of FCC Class B digital device.

Downloaded from www.Manualslib.com manuals search engine

CE Declaration

This monitor, Acer G772, complies with 72/23/EEC and 89/336/EEC modified by 92/31/ECC. These directives refer to EMC.

Canadian Department of Communications *Regulatory Statement*

This digital apparatus does not exceed Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Downloaded from www.Manualslib.com manuals search engine

Table of Contents

Table of Contents vi

Chapter 1 Introduction 1-1

Unpacking the Package 1-1

Features 1-1

Power Management 1-2

Chapter 2 Getting Started 2-1

Installing the Swivel Base 2-1

Installing the Monitor 2-2

Chapter 3 Adjusting the Monitor 3-1

A Look at the Control Panel 3-1

Adjusting the Monitor 3-1

Panel key introduction 3-1

Selecting function and making adjustments 3-2

1) Contrast hot-key mode 3-2

2) Brightness hot-key mode 3-2

3) Main menu mode 3-2

Make adjustments 3-3

Control functions available in main menu 3-4

Factory Preset Timings 3-7

Chapter 4 Troubleshooting and Useful Hints 4-1

Troubleshooting 4-1

Maintenance 4-2

Need More Help? 4-2

Chapter 5 Specifications 5-1

Downloaded from www.Manualslib.com manuals search engine

Introduction

Unpacking the Package

Check following items. If they are missing or damaged, consult your place of purchase immediately.

- ✓ Color monitor
- ✓ Swivel base
- ✓ User's manual
- ✓ Power cord (optional)

Locate the model name and the serial number labeled on the back of your monitor. Write down the related information of your monitor and dealer in the space on page ii for future reference.

Features

Your Acer G772 has the following features:

- ✓ **Plug'n Play Compatibility**
  With its DDC1™ and DDC2B™, it is compatible with Plug'n Play feature of Windows 95 and Windows 98.
- ✓ **Flicker-free Image**
  The monitor supports high refresh rates up to 85Hz at 1024x768 resolution with VESA's best recommendation.
- ✓ **Larger Viewable Size**
  With its 15.9(40.5cm)" viewable size, it offers a larger screen than other 17" monitors.

Downloaded from www.Manualslib.com manuals search engine

- ✓ **iScreen® (Intelligent Screen) Technology**

  The On-Screen Display (OSD) allows you to adjust all settings simply with on-screen menus.

- ✓ **Power Saving Function**

  The power management complies with VESA DPMS standard. When the system is idle (off mode), the monitor automatically cuts its power consumption up to 95%.

- ✓ **Green Commitment**

  Your monitor is packaged in recycled packing materials and no CFCs are used in the manufacturing process. It is in compliance with the US government's Energy Star standards and the rigorous standards of the Scandinavian countries.

Power Management

The power management of this monitor complies with these VESA power saving modes:

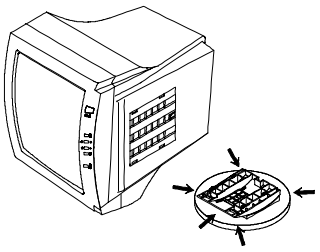
Mode	Power Consumption	LED
On	Normal	Green
Stand-by	< 15 W	Amber
Suspend	< 5 W	Amber Blinking
Off	< 5 W	Amber Blinking
Override	Normal	Green

Downloaded from www.Manualslib.com manuals search engine

Getting Started 2

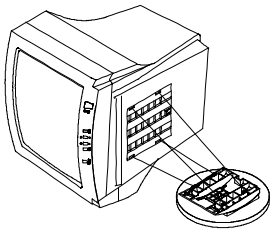
Installing the Swivel Base

1. Place the monitor on its side.



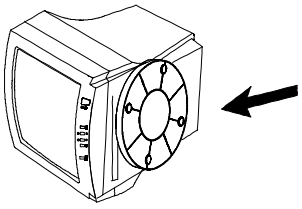
2. Locate the arrow and the four slots at the bottom of the monitor.

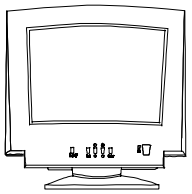
3. As directed by the arrow inscribed on the swivel base, insert the four pegs on the base into the slots at the bottom of the monitor.



4. Push the swivel base gently toward the front of the monitor until it is locked.

5. Place the monitor back to its normal position.



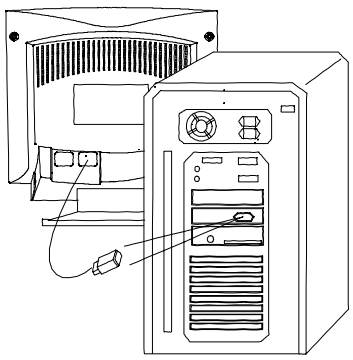


Downloaded from www.Manualslib.com manuals search engine

Installing the Monitor

This monitor is equipped with an autosensing power supply for voltage ranges 100~240V AC, 50~60Hz.

1. Make sure that the system power is turned off.
2. Plug the signal cable into the video signal port of your computer and fix it with the two screws.
3. Connect the power cord to the monitor and attach it to power source.
4. Turn on the computer and the monitor.

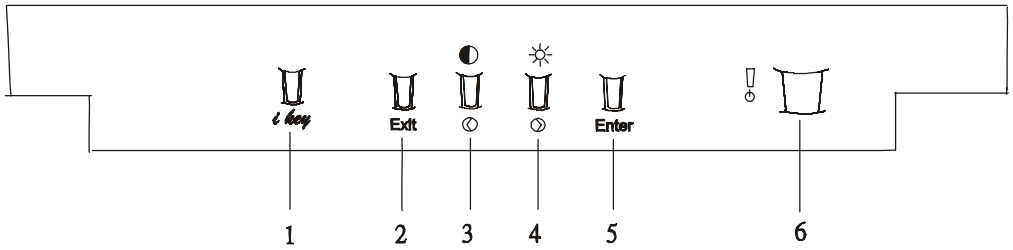


☞ *If you connect the monitor to an Apple Macintosh through a D-Sub cable, you need to buy a Macintosh adapter to connect the video signal port of your computer and the monitor signal cable.*

Downloaded from www.Manualslib.com manuals search engine

Adjusting the Monitor 3

A Look at the Control Panel



Adjusting the Monitor

You can adjust the monitor with the On-Screen Display (OSD) menus. There are 6 keys for user's control. They include **Exit**, , , **Enter**, and **Power Switch**. The following is the introduction.

Panel key introduction

1. *i key* : Intelligent key used for auto-calibration of picture size and position.
2. **Exit** key : returns to last page, saves or quits the menu system.
3. / : adjusts the parameter setting to a lower value or adjusts contrast setting.
4. / : adjusts the parameter setting to a higher value or adjusts brightness setting.
5. **Enter** key : goes into submenus or selects items.
6. **Power Switch: turns the monitor on or off.**

Downloaded from www.Manualslib.com manuals search engine

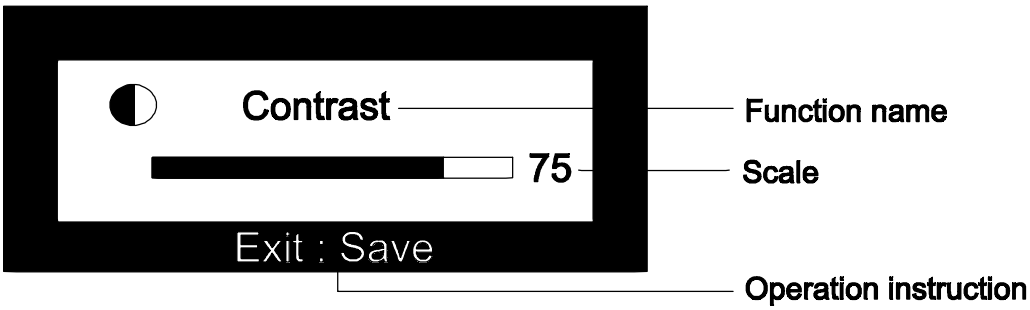
Selecting function and making adjustments

1) i key (Auto-calibration hot-key)

Pressing ***i key***, the monitor will automatically adjust the display's size and position to the optimum.

2) Contrast hot-key mode

1. Press ◐ to enter contrast hot-key mode
2. Press < or > to adjust the setting.



3) Brightness hot-key mode

1. Press ☼ to enter brightness hot-key mode.
2. Press < or > to adjust the setting.

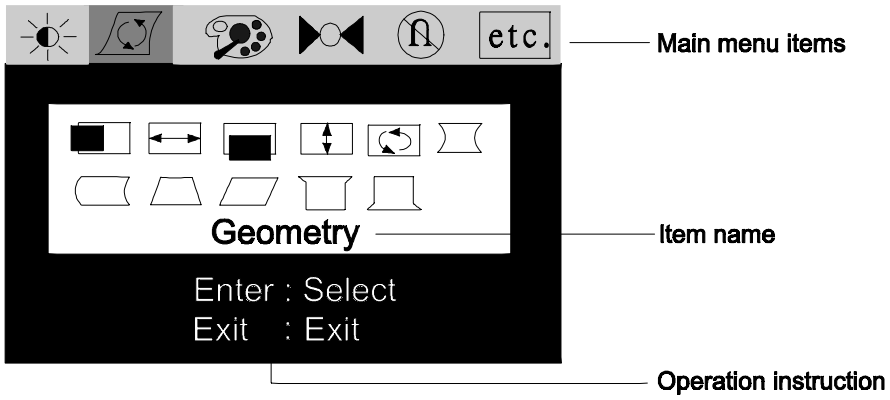
4) Main menu mode

Grouped by functions, the OSD offers 6 major functions in Main Menu for making adjustments: Contrast, Geometry, Color adjustment, Recall, Degaussing and Miscellaneous. The following describes the contents of each function and how you can make adjustments.

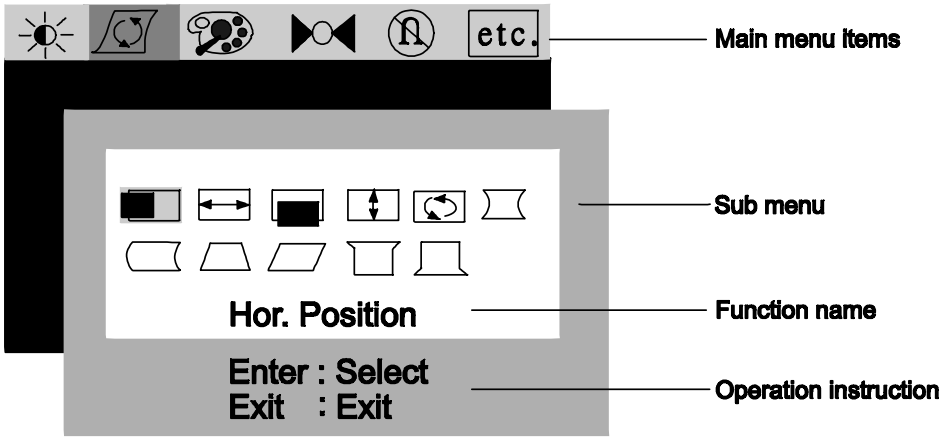
Downloaded from www.Manualslib.com manuals search engine

Make adjustments

1. In Main Menu: Press ⊲ or ⊳ to locate the item you desire to change.

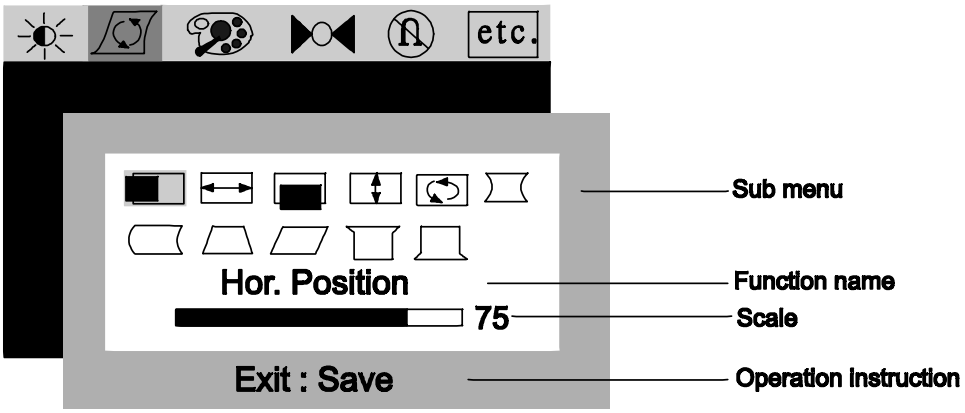


2. Press **Enter** to go into the Sub Menu.



Downloaded from www.Manualslib.com manuals search engine

3. Press ⊲ or ⊳ to locate the function item. Then press **Enter** and ⊲ or ⊳ to make the adjustment.



4. Press **Exit** to save the setting.
5. Press **Exit** to return to main menu.

Control functions available in main menu

1. Luminance

Contrast: adjusts the difference between the light and dark areas.

Brightness: adjusts the brightness of the display.

2. Geometry

Hor. Position: adjusts the horizontal position of the display.

Hor. Size: adjusts the display width.

Ver. Position: adjusts the vertical position of the display.

Ver. Size: adjusts the vertical display height.

Rotation: corrects the slanted screen.

Pincushion: corrects curve at the vertical edges of the display.

Unbalance: adjusts balance when the sides of display are bowed toward left or right.

Downloaded from www.Manualslib.com manuals search engine

Trapezoid: makes the vertical edge of the display parallel.

Parallelogram: corrects image distortions.

Top corner: adjusts the edges on the top corners of the screen image.

Bottom corner: adjusts the edges on the bottom corners of the screen image.

3. Color Adjustment

Color mode	Color Temperature (Preset Mode)	Color Temperature (User Mode)
C1 (9300K)	9300K	User Mode 1
C2 (6500K)	6500K	User Mode 2

Color Preset Mode: In this mode, C1 to C2 are two memory areas where the factory-preset color settings are stored. These settings are fixed and can not be modified.

Color User Mode: Press < or > to locate the color mode and **Enter** to choose a color. Press < or > again to make the adjustment. If you want to reset to preset modes, please locate ⋈ to recall the preset color settings.

Downloaded from www.Manualslib.com manuals search engine

4. Recall geometry preset setting

Locate and press **Enter**, you can recall the preset settings. The word "Recall" will keep blinking on the screen in the process of recall. This page is also a "status display" field which shows current horizontal and vertical frequency status. Please note that only choosing a preset geometry setting can the display show the resolution data.

5. Manual degaussing function

To eliminate color shading or impurity induced by magnetism, press Enter to do the manual degaussing.

6. Miscellaneous

Hor. Moire: adjusts horizontal Moire.

Ver. Moire: adjusts vertical Moire.

OSD position: adjusts OSD horizontal and vertical position.

Language:

De : Deutsch	**En** : English	**Es** : Español
Fr : Français	**It** : Italiano	**Jp** : Japanese (Optional)

If the picture is unstable when you adjust the moire reduction setting, over-adjustment has occurred. Please lower the moire reduction setting level.

Downloaded from www.Manualslib.com manuals search engine

Note:

- ☞ *The degree of each parameter is present by numeric statement and corresponding scale.*
- ☞ *The on-screen menu will automatically disappear after 20-second's inactivity. If changes have been made, the monitor will automatically save them.*

Factory Preset Timings

Mode	Resolution	Vertical Frequency (Hz)	Horizontal Frequency (KHz)
Industry	640 x 400	70	31.47
Industry	640 x 480	60	31.47
VESA	800 x 600	75	46.88
VESA	800 x 600	85	53.67
VESA	1024 x 768	75	60.02
VESA	1024 x 768	85	68.68

Downloaded from www.Manualslib.com manuals search engine

Troubleshooting and Useful Hints 4

Troubleshooting

Make sure that your monitor is properly installed if you have encountered any trouble using this product (For hardware installation, see **Chapter 2, Getting Started**). If the problems persist, check this chapter for possible solutions.

- ✓ Can't find Acer G772 on the Windows 95® or Windows 98® monitor lists.
  - ❑ You need to update the Windows 95® or Windows 98® setup information for your Acer G772. You can download the updated file from the web site (http://www.acerperipherals.com.tw).

- ✓ There is no picture on the screen.
  Check:
  - ❑ Video sync signal. The video sync signal must be specified for the monitor.
  - ❑ Power saving mode. Press any key and move the mouse to deactivate the mode.
  - ❑ Signal cable connector pins. If there are bent or missing pins, consult your place of purchase.

- ✓ The picture is scrolling or unstable.
  Check:
  - ❑ Signal connector pin assignments. Replace with a correct one if they are not operative.
  - ❑ Signal cable connector pins. If there are bent or missing pins, consult your place of purchase.
  - ❑ Graphics card. See if the settings are made properly.
  - ❑ Scanning frequency. Change the settings of your graphics card to acceptable options.
  - ❑ Remove magnetic objects near the monitor.

- ✓ Characters look dark; the picture is too small or too large, not centered, etc.
  - ❑ Adjust related settings. See **Chapter 3, Adjusting the Monitor**.

Downloaded from www.Manualslib.com manuals search engine

✓ Colors are impure.

❑ Check signal cable connector pins. If there are bent or missing pins, consult your place of purchase.

Maintenance

✘ Do not expose the monitor to direct sunlight or heat.

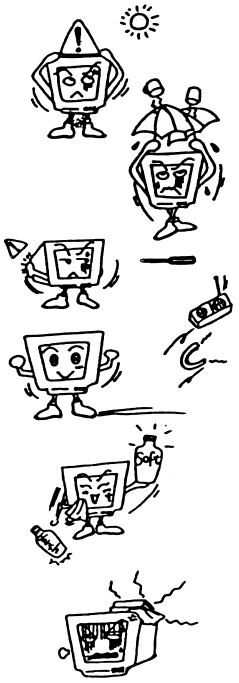
✘ Do not spill liquid on the monitor.

✘ Do not attempt to open the monitor. You may be hurt by electric shock. For service, call your place of purchase.

✘ Do not use your monitor when magnets or electronic products are operating nearby.

✘ Do not use harsh chemicals or strong cleaning solvents to clean the monitor screen. Wipe it with clean, soft clothes applied with mild solution.

✘ Do not place anything on your monitor. Bad ventilation may elevate temperature in the monitor



Need More Help?

If your problems remain after checking this manual, please contact your place of purchase or e-mail us at: APIDisplayCSD@api.com.tw

Downloaded from www.Manualslib.com manuals search engine

Specifications 5

Picture Tube	
Size	17" (43cm) diagonal
Type	Flat Square Tube
Dot pitch	0.25mm dot pitch
Surface coating	AR, AG, AS coating
Maximum Viewable Size	15.9" (40.5cm) diagonal
Power Supply (Universal)	
Input voltage	100~240 V AC, 50~60 Hz (Universal)
Power consumption	100W
Max. Resolution	1280 x 1024
Horizontal Frequency	30-72 KHz
Vertical Frequency	50-120 Hz
Video Bandwidth	110MHz
Video Input	15-pin mini D-sub connector
Adjustable Timing	8 factory preset, 10 user mode
User's Control	6 buttons
X-Radiation	DHHS, PTB
Regulatory Compliance	UL, CSA, FCC-B, TÜV/Ergonomics, VCCI, CE, ISO-9241-3, D.N.S.F., MPR II, TCO'99 (optional)
Plug & Play	DDC1/2B

Downloaded from www.Manualslib.com manuals search engine

Ambient Temperature	
Operating	+5°C ~ +40°C / +41°F ~ +104°F
Storage	-20°C ~ +60°C / -4°F ~ +140°F
Humidity	
Operating	20% ~ 90%
Storage	10% ~ 90%
Dimensions (W x H x D)	438 mm (W) x 414 mm (H) x 430 mm (D)
Weight (net)	15.6 Kg

Downloaded from www.Manualslib.com manuals search engine